

ABSTRACT

An interpretation service for voice based on sentence template retrieval allows a translation database to be customized without burdening users and enables sentences needed by users to be accurately interpreted. A sentence to be stored in a translation database for customization can be described as a sentence template including a slot which allows words to be replaced. As means for customization, an interpretation server maintains a registered user profile (UP). Namely, a user registration screen displays a telephone number, name, itinerary, accommodation facility, interested things, shopping list, physical condition, etc. When a user enters an answer and sends it, the interpretation server creates a UP. A condition for selecting sentence templates is extracted from the UP. A sentence template matching the condition is retrieved from those stored in the translation database for customization and is registered in a translation database customized for each user. A word extracted from the UP is inserted into the sentence template's slot for registration to a sentence dictionary customized for each user.

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